ABSTRACT OF THE DISCLOSURE

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A circular saw includes a base member abutting a supporting surface and an operating arm pivotally mounted to the base member. A gearbox is formed on a free end of the operating arm. The gearbox includes a first cavity and a second cavity respectively laterally defined in two opposite side of the gearbox. A hole is laterally defined in a bottom of the first cavity and communicates with the second cavity. A handle extends from the gearbox for user to easily operate the circular saw. A motor is laterally securely mounted to the bottom of the first cavity and partially received in the first cavity in the gearbox. A blade device is laterally mounted to the second side of the gearbox and connected to the motor so that the blade device is driven when the motor is operated.